

What is LAADS DAAC?

How to Download Data from NASA's Source for Cloud and Aerosol Data

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Level-1 and Atmosphere Archive & Distribution System Distributed Active Archive Center (LAADS DAAC)

What LAADS DAAC?

The Level-1 and Atmosphere Archive Distribution System (LAADS) Distributed Active Archive Center (DAAC) primarily archives and distributes data on clouds and aerosols in Earth's atmosphere in addition to providing Level 0 and 1 Moderate Imaging Radiometer Suite (MODIS), Visible Infrared Imaging Radiometer Suite (VIIRS) and airborne data as well as data from the European Space Agency's Sea and Land Surface Temperature Radiometer (SLSTR) and the Ocean and Land Colour Instrument (OLCI). Secondly, LAADS DAAC serves as a backup source for MODIS and VIIRS land products.


As one of twelve DAACS supported by NASA's Earth Science Data and Information System (ESDIS), LAADS DAAC provides a gateway to data through multiple tools.

The newest, View Data, allows users to preview data sets before downloading or applying any post-processing transformations. Learn about how to access LAADS DAAC data, get up-to-date information about LAADS DAAC's migration to hosting data in the cloud, and discover how to use the View Data tool.



How to Access LAADS DAAC Data

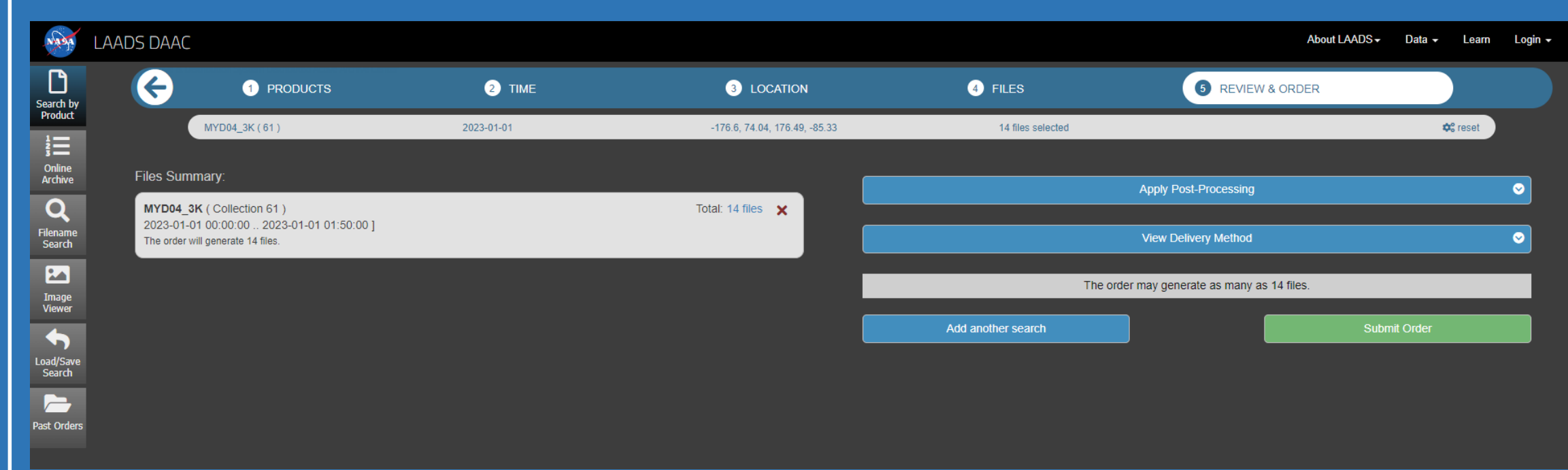
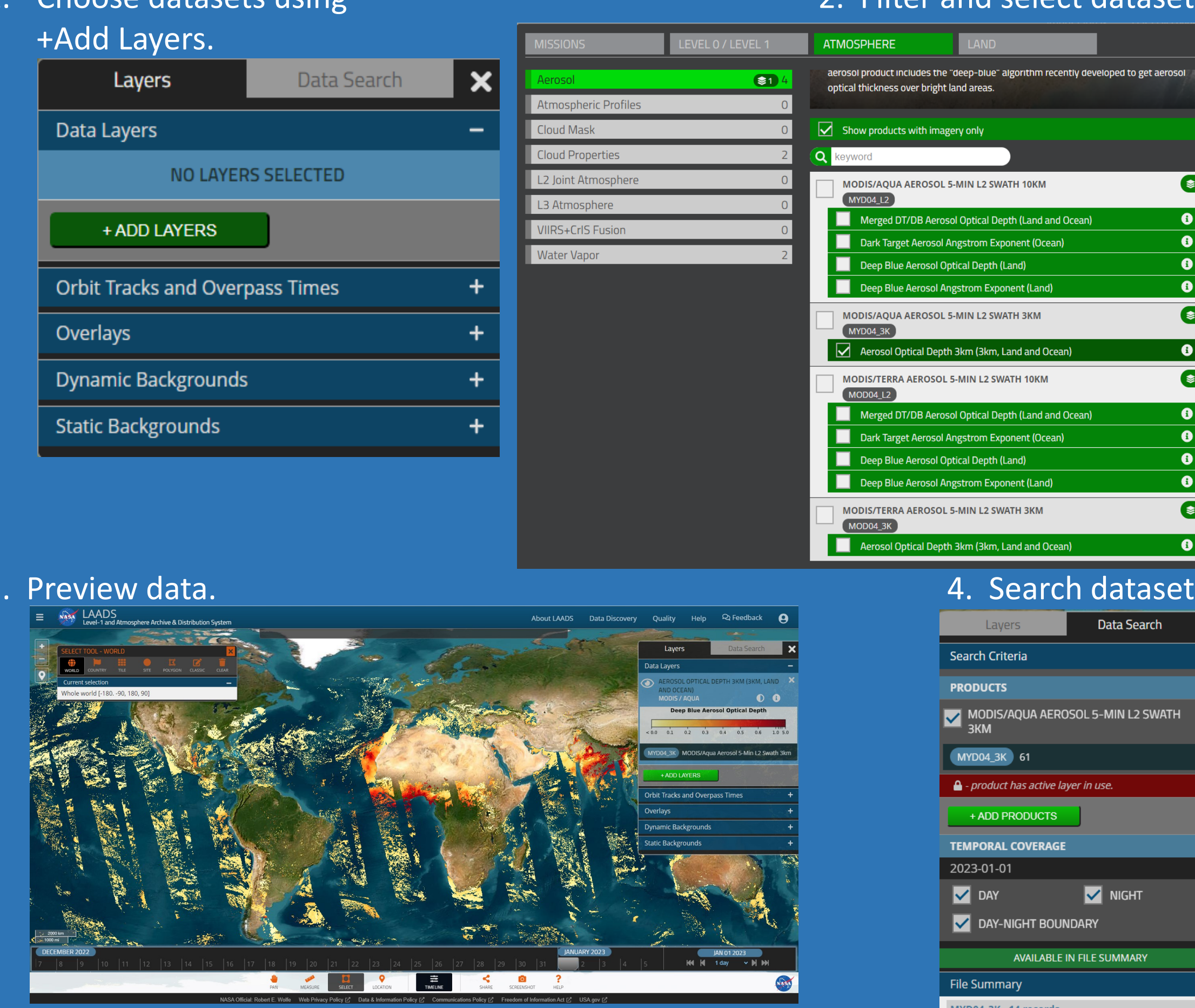
1. Visit the LAADS DAAC website (<https://ladsweb.modaps.eosdis.nasa.gov/>)
2. Choose one of two ways to access and download data:
 - 1) Find Data
 - 2) View Data



View Data

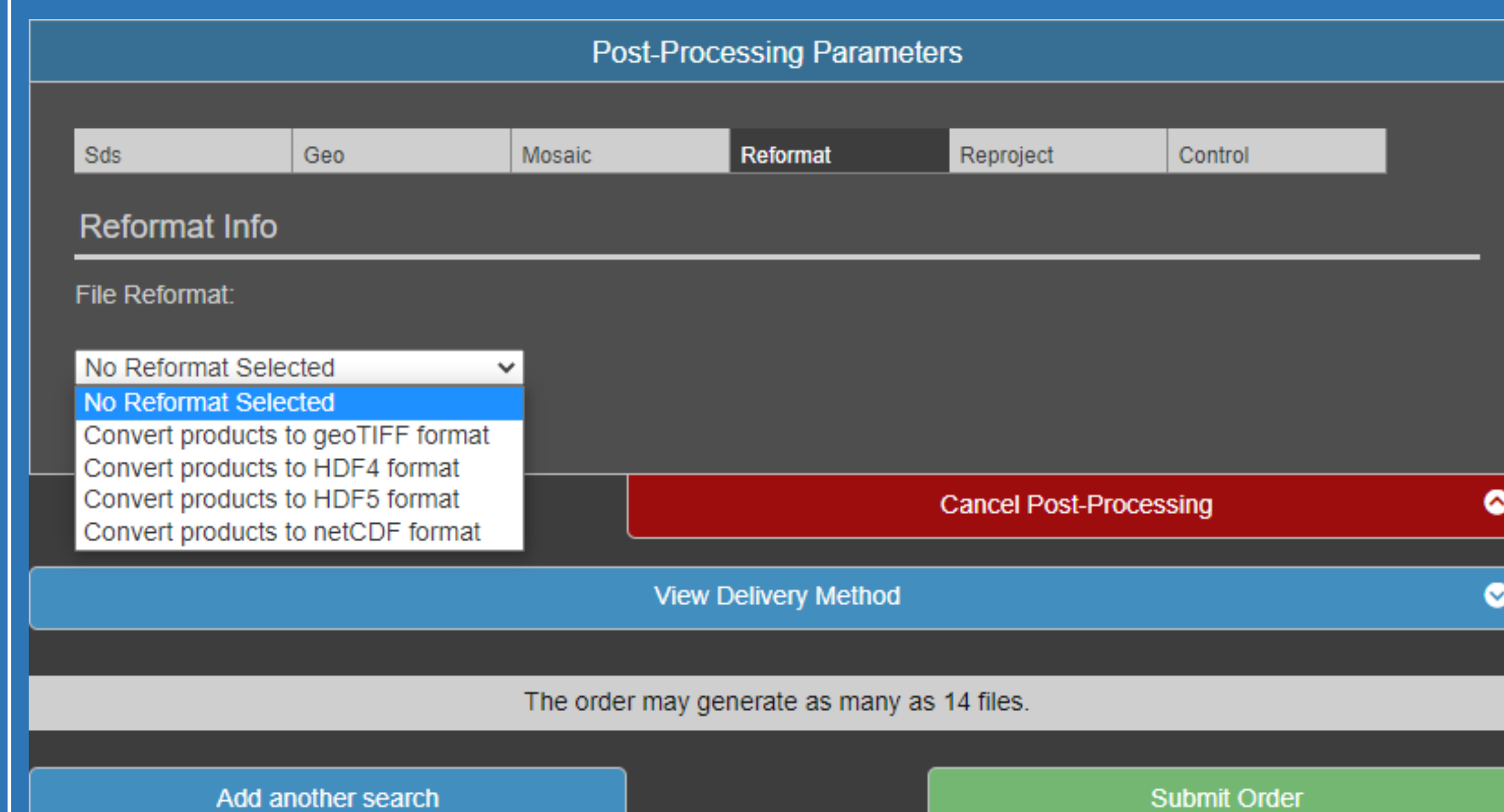
View Data allows data users to preview datasets prior to downloading data.

1. Choose datasets using +Add Layers.
2. Filter and select datasets.
3. Preview data.
4. Search datasets.
5. Download data.

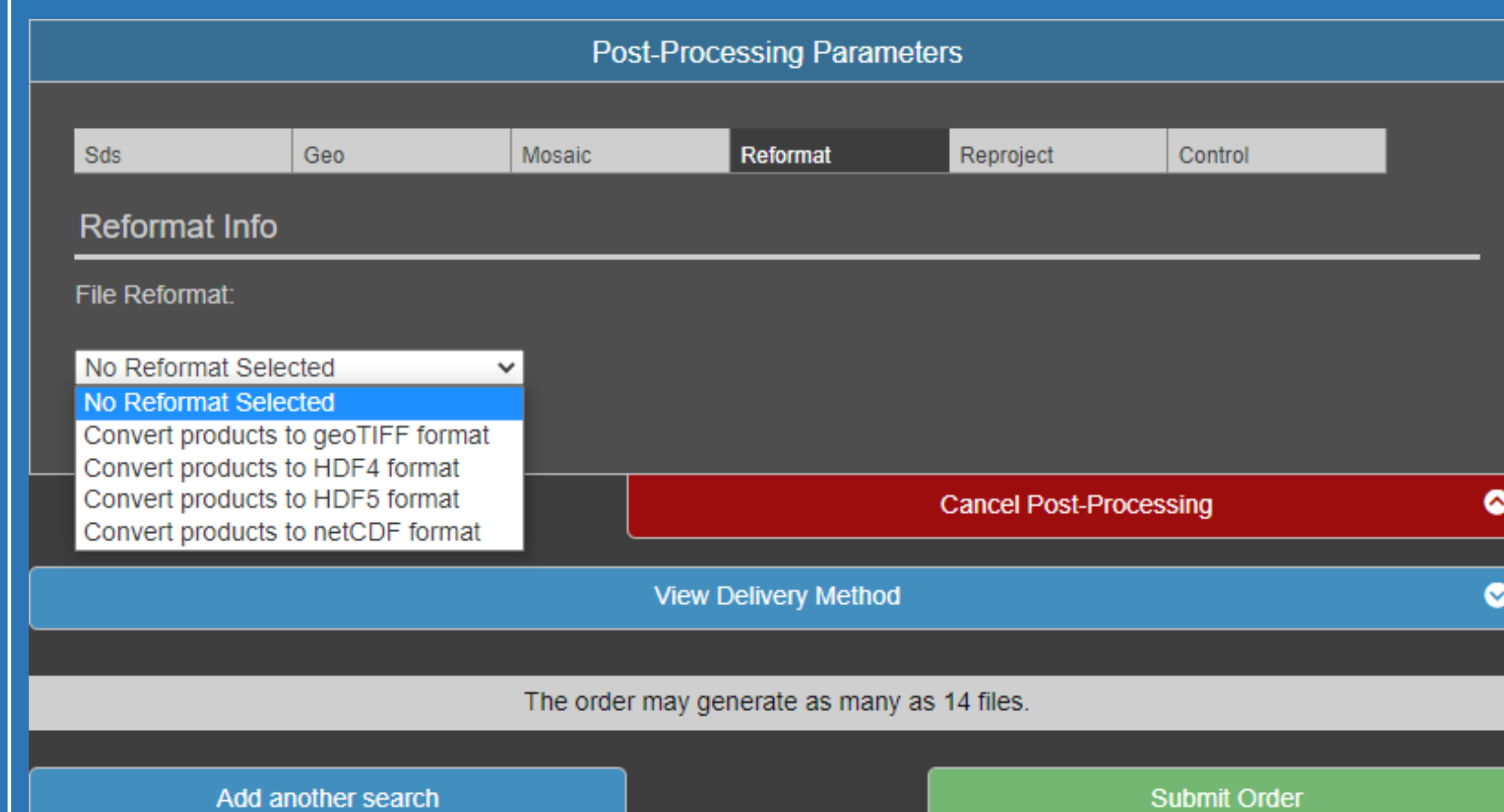


Find Data

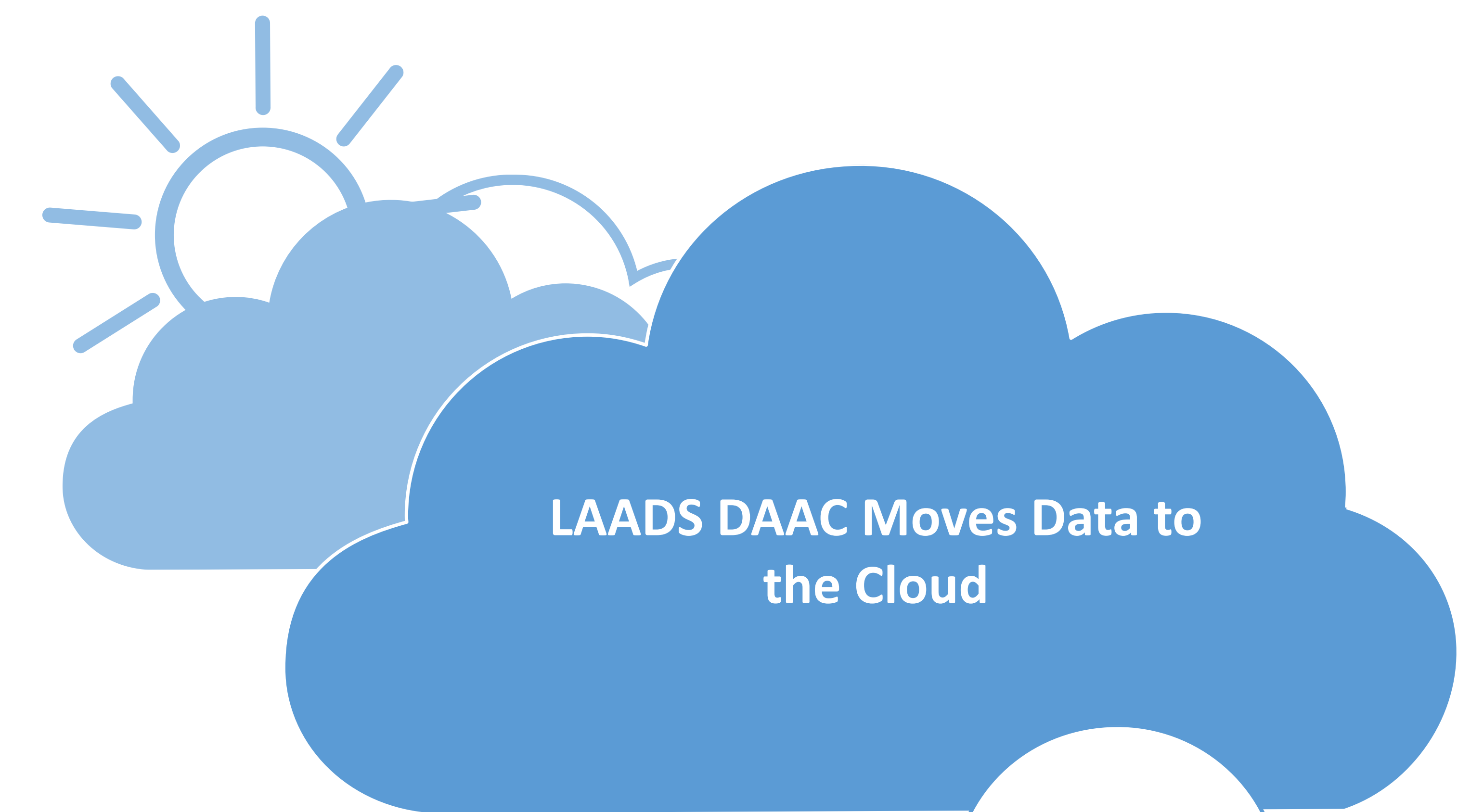
Find Data is for the seasoned user, who already knows exactly what data sets they need and the naming convention for the datasets. It also allows users to apply post-processing transformations to their data.



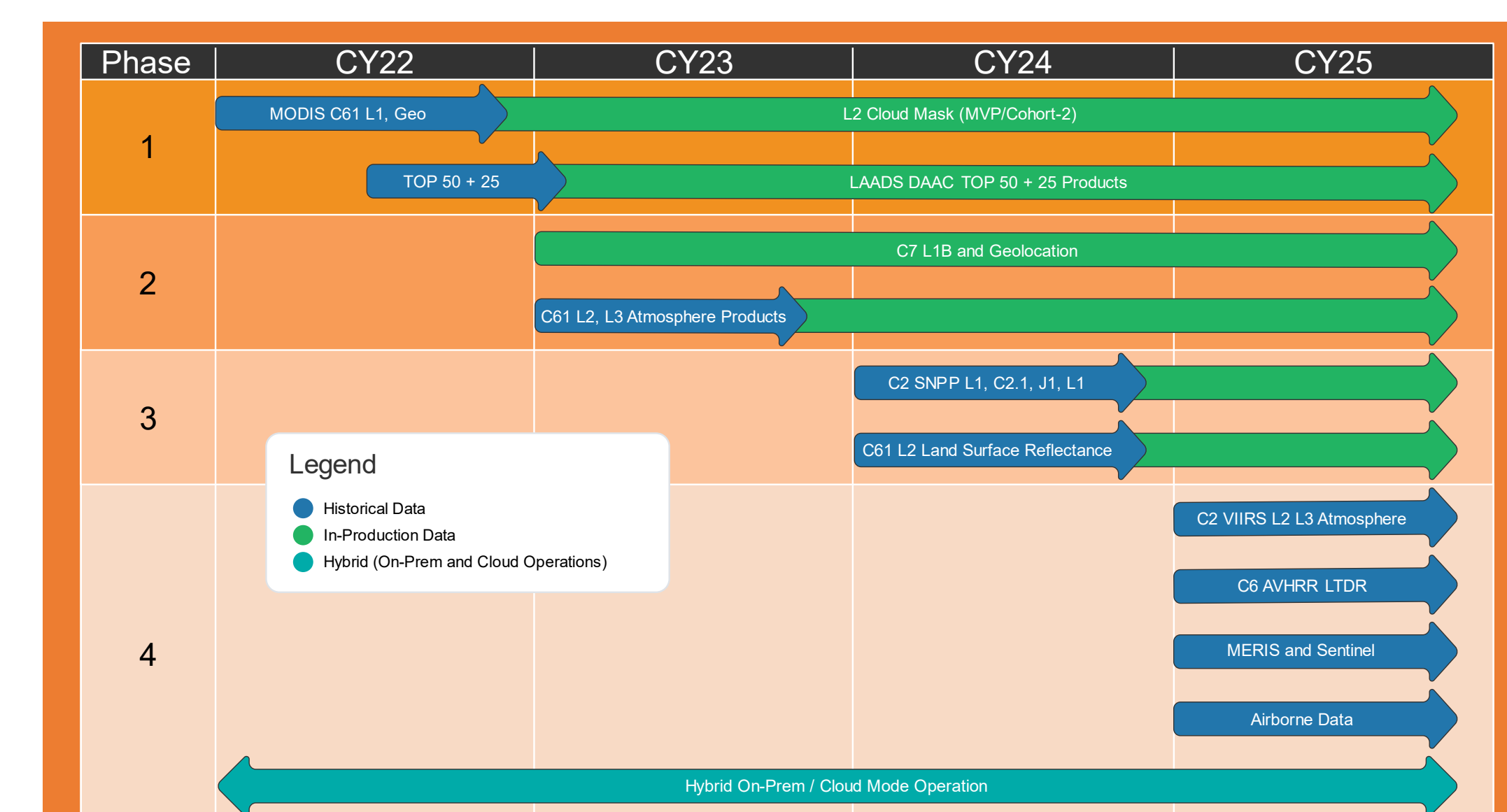
Data users can choose their selected dataset and apply post-processing to eliminate the need for unnecessary data storage.



As of December 2022, files can be converted to different formats including geoTIFF, HDF4, HDF5, or netCDF.



Learn about how to download data via S3 direct access, browse the Frequently Asked Questions, explore the benefits of accessing LAADS DAAC data in the Cloud, and keep up-to-date on dataset migration progress.
<https://ladsweb.modaps.eosdis.nasa.gov/cloud/>



Phased Release of LAADS DAAC Data

Data will continue to be accessible on-premise as well as in the Cloud during the transition. Specific information about how to access data in the cloud and transition timelines for other datasets are available on the website. Check back frequently for more information.